

HF Happenings

No 475

South African Radio League (SARL) is the South-Afrikaanse Radioliga
Member Society of the International Amateur Radio Union Region 1
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22 Oct – Spring QRP Sprint
5 Nov – RaDAR Contest
12 Nov – PEARS HF DX Contest
19 and 20 Nov – SARL National Field Day
27 Nov – SARL Digital Contest

30 Nov – SARL 80 m Club Contest, CW
(Find the contest rules in the 2011 SARL
Contest Manual)
29 and 30 Oct - CQ WW DX Phone Contest

Lisa, PA2LS, appointed IARU Region 1 Youth Co-ordinator



The International Amateur Radio Union Region 1 Executive Committee have appointed Lisa Leenders, PA2LS, as the Youth Co-ordinator. Following the creation of a Youth Co-ordinator portfolio during the Region 1 General Conference at Sun City in August 2011, the Region called for nominations for a Region 1 Youth Co-ordinator.

Three nominations were received, namely Mari Nikkilae, OH2FPK, Lisa Leenders, PA2LS, and Georgi Atanasov Vodenicharov, LZ1ZF. During the teleconference of the Region 1 Executive Committee held on 10 October 2011, it was decided to appoint Lisa Leenders, PA2LS, as the Region 1 Youth Co-ordinator.

Lisa will be working with the Youth Co-ordinators from the various member societies to promote amateur radio amongst the youth in Region 1. Lisa's contact details will be made available under the Youth section of the Region 1 web site <http://www.iaru-r1.org/>

21 year-old Lisa, PA2LS, first got her amateur radio novice license at the age of 13 and was issued with the call sign PD2LLS. She recently went on a DXpedition to Ghana see <http://www.pe1kl-pa2ls.com/>

Contest Results





SARL 80 m Club Contest. The fifth leg of this contest took place on Wednesday 28 September with RTTY and PSK activity. The committee received six logs representing three clubs.

- 1st West Rand ARC, 33 points and 4 logs
- 2nd Sandton ARC, 9 points and 1 log
- 3rd Antique Wireless Association, 6 points and 1 log

After this fifth leg, the overall results are:

- 1st West Rand ARC, 324 points and 24 logs
- 2nd Antique Wireless Association, 61 points and 7 logs
- 3rd Bloemfontein RAC, 39 points and 2 logs
- 4th Northern Cape ARC, 29 points and 2 logs
- 5th Sasolburg ARC, 26 points and 1 log
- 6th Sandton ARC, 18 points and 2 logs
- 7th Port Elizabeth ARS, 17 points and 1 log

The last contest in the series is a CW contest on Wednesday 30 November.

CQ WW DX CW Contest. The September 2011 issue of CQ Amateur Radio carries the results of the 2010 CQ WW DX CW Contest, run in November 2010.

Single Operator Category

Namibia

V51YJ all band low power made 421 968 points from 627 QSOs, 71 zones and 165 countries

South Africa

Vidi la Grange, all band high power made 1 538 194 points from 1 919 QSOs, 74 zones and 207 countries
Donovan van Loggerenberg, ZS2DL, all band high power made 754 512 points from 1 038 QSOs, 73 zones and 191 countries

Barry Nugent, ZS2NF, all band low power made 122 344 points from 267 QSOs, 62 zones and 102 countries

Johan van Aarde, ZS2I, all band low power made 84 688 points from 246 QSOs, 48 zones and 110 countries

JS Tinker, ZS1YJ, all band low power made 24 192 points from 121 QSOs, 27 zones and 45 countries

Joop Hesp, ZS6C, all band low power made 13 770 points from 122 QSOs, 21 zones and 33 countries

Assisted Category

South Africa

Bernie van der Walt, ZS4TX, made 736 points from 12 QSOs, 11 zones and 12 countries

October

6 - SARL 80 m QSO Party

7 / 8 - The Fun of the Fish, Craddock www.fishmarathon.org.za;
Hobson's Choice, Somerset East www.anglerandantelope.co.za

7 / 9 - Breedekloof Outdoor and Wine Festival, www.breedekloof.com

10 - Schools open

14/16 - Robertson Wine on the River, www.wineonriver.com

15 - CQ Hou Koers

15 / 16 - Jamboree-on-the-Air

16 - Ithemba Walkathon for Breast Cancer, Johannesburg www.ithembawalkathon.co.za

19 / 23 - Wilderness Birding Weekend

20 - Radio Amateur Examination

20 / 22 - Montagu Rose Festival, www.montagu-ashton.info

22 - Spring QRP Sprint

27 / 29 - The Richmond Book Festival www.richmondnc.co.za

28 / 30 - Bedford Garden Festival, www.bedford-gardens.co.za

29 / 30 - CQ WW DX Phone Contest

30 - Ithemba Walkathon for Breast Cancer, Cape Town www.ithembawalkathon.co.za

November

5 - RaDAR Contest

11 - Armistice Day

13 - Remembrance Sunday

18 / 20 - Cherry Festival, Ficksburg

19 / 20 - SARL National Field Day

27 - SARL Digital Contest

30 - SARL 80 m Club Contest, CW





Check log received from Bruce Dunn, ZS5XT

CEPT proposes frequency allocation for amateur radio on medium wave

A small allocation of about 15 kHz in parts of the 500 kHz band to the amateur radio service on a secondary basis - this proposal has been made by a project team of about 50 representatives of European governments and other stakeholders in preparation for the next World Radiocommunication Conference WRC12.

They followed an invitation of the Federal Network Agency in Germany and met by the end of September in Mainz. The discussion led to a compromise in the size of the amateur radio band, namely 480 kHz - 472 kHz, with a maximum power of 5 W EIRP.

Apart from Colin Thomas, G3PSM, representing IARU Region 1 and John Gould, G3WKL, for the British Amateur Radio Association RSGB, were Peter Frey, HB9MQM, and Ulrich Mueller, DK4VW, DARC representative for frequency management, each a member of the Swiss or German delegation.

Nine administrations have declared their willingness to support the results of the discussion as a joint European proposal at the last meeting of the CEPT's WRC Conference Preparatory Group in November 2011 in Bucharest. It is likely that other governments may join this result of the Mainz meeting, so that the CEPT on behalf of all its members could go to the WRC12 taking place in Geneva in Jan/Feb 2012.

CQ World Wide SSB

The largest phone contest of the year - CQ World Wide SSB - is right around the corner. It is the biggest sporting event the rest of the world has never heard of with 30 000 or more individual participants! You will find it on a radio near you over the weekend of 29 and 30 October 2011.

28 MHz - a lost band?

The September edition of the International Amateur Radio Union Monitoring System (IARUMS) newsletter asks is 28 MHz a lost band.

The newsletter says, "28 MHz - a lost band? We found much CB-like traffic (AM, FM, SSB) between 28 and 29,7 MHz in September 2011. Origins: Europe, Brazil, Far East. Besides that we observed, that the band is still crowded of numerous CIS taxicabs on FM. The conditions on the upper bands are rising, so we are able to recognise and realise the "apocalypse" on our exclusive band. Many authorities seem to be helpless or not interested in this disaster.

The International Amateur Radio Union Monitoring System (IARUMS) Region 1 September 2011 newsletter is at <http://www.iarums-r1.org/iarums/news2011/news1109.pdf>. Please log your reports of Amateur Band intruders online at <http://peditio.net/intruder/bluechat.cgi>. Monitor the short wave bands on-line with a web based SDR receiver www.websdr.org/

ICNIRPcalc Field Strength Software

In some countries, Radio Amateurs suffer expensive bureaucratic restrictions on their antennas. ICNIRPcalc was written to assist in the assessments. The program performs RF-Exposure calculations for amateur radio stations based on information from the International Commission on Non-Ionizing Radiation Protection.

In 2002, Germany introduced legislation introduced a new law called BEMFV. This law requires all German amateur radio operators to file papers to the administration BNetzA. These papers have to prove that RF exposure is limited to certain values that consist of those given by the ICNIRP plus limits for pacemakers. DARC has provided two software programs for its members to use when doing those assessments. They are called WATT32 and QuickWatt.

At the IARU EMC WG meeting in 2007, the author of QuickWatt was asked to circulate it - if possible - in the English language, since nowhere else in the world are there limits for pace-





makers. QuickWatt was modified for ICNIRP limits only and translated into English. This international version is now called IcnirpCalc.

Download ICNIRPcalc V1.01 from the IARU Region 1 website http://www.iau-r1.org/index.php?option=com_remository&Itemid=173&func=fileinfo&id=410. International Commission on Non-Ionizing Radiation Protection <http://www.icnirp.de/>

Amateur Radio World Prefix Maps

Michael, GM0PHW, has Amateur Radio World Prefix Maps in full colour with great detail, brand new.

Large 99,06 cm x 68,58 cm Amateur Radio World Prefix Map, a perfect size for the shack wall. The maps are excellent quality; they are NEW and unused. I will post anywhere in the world in a poster tube so they will arrive uncreased.

UK - £9.00 Including Insured postage (recorded delivery); Europe - £14.00 including insured postage (International Signed For) and USA - £15.50 (\$25.27c) including International Signed for Shipping (includes insurance)

Please see <http://www.hamcall.co.uk/SampleMapPicture.jpg> for a low res image of the map. Payment via Paypal to admin@hamcall.co.uk. For further details I can be contacted on +44 (0)1501 822016 or e-mail gm0phw@hamcall.co.uk

African DX

Antarctica. Gerard, ZS6KX is now active as ZS7KX from Queen Maud Land, IOTA AN-016, until February 2012. Activity is currently on 20 metres using SSB around 14:00 UTC. He plans to be active on 17 metres as well. QSL to home call.

Sudan, ST. Robert is active as ST2AR and has been active on 10 metres using CW around 14:30 UTC. QSL via S53R.

Swaziland, 3DA. Gert, ZS6AYU, and Hannes, ZS6BZP, will be active from the Hawane Resort (WW Loc. KG53ms), near Mbabane, Kingdom of Swaziland, over the weekend of 21 to 24 October 2011. The same call signs have been requested as for the November 2010 expedition, they will be active on 40 - 10 metres. Gert will be on CW only as 3DA0GF while Hannes will operate on SSB as 3DA0HC. QSL 3DA0GF via ZS6AYU, direct or via the SARL QSL Bureau. QSL 3DA0HC via ZS6BZP, direct only.

The Gambia, C5. After last year's successful expedition to Banjul, The Gambia, during which the Czecho-Slovak team participated in the CQ WW CW contest to gain the world trophy in the Multi-Multi category, Richard OK8WW/OM2TW and Jiri OK1RI organised another contest DXpedition to this country. A group of 12 ops from OK and OM will operate under the call sign C50C from 21 October until 1 November and from 20 November until 29 November, 2011. Their main aim is to participate in both parts of the CQ WW Contest (SSB and CW) under the call sign C5A. Plans are to be active on the HF bands 160 - 10 m. Operators will be Richard, OK8WW/OM2TW, Jiri, OK1RI, Joe, OM5AW, Jiri, OK1DO, Norbert, OM6NM, Jan, OM2IB, Lada, OK1DIX, Petr, OK1FFU, Zdenek, OK1DSZ, Vlada, OK1NU, David, OK1RK, and Vitek, OK5MM. QSL via Brani, OM2FY, direct or bureau. Website: www.om0c.com/

Senegal, 6W. Francis, F6BLP, will once again be active as 6W7SK from Mbour, Senegal between 20 January and 3 February 2012. He will be mostly active on CW on the lower bands. QSL via home call. Website, including logsearch at: www.f6blp.org/

African Islands





Cape Verde, D4. A large group of operators are active as D4C until 30 October. This includes an entry in the upcoming CQ WW DX SSB contest. QSL direct via IZ4DPV.

Weatherproofing coaxial cable connections

Howie, WA4PSC, posted this extended set of instructions that describe the broadcast industry standard for weatherproofing coaxial cable connections. Adapt to your own circumstances.

When sealed correctly in the following manner the weatherproofing will last for years and withstand just about any weather. When cut open for service, the mated connected pair will be dry and shiny. This is the broadcast industry standard - others may have different methods that work well for them so the usual caveats apply. Since amateur radio is a hobby, there is less financial pressure to make installations bulletproof but if the weatherproofing fails atop a tower in the dead of winter, you will rue the day you didn't do the job right.

1) Arrange the cable so that it can form a drip loop near the connector. Keeping water away from the connector is important. Support the cable at or near the drip loop to reduce flexing at the connector, which can cause weatherproofing failure.

2) Thoroughly clean the connector body/cable/antenna connector body where the weatherproofing will be applied. Adhesion is greatly degraded by dust or grease.

3) Lay down a flat, non-wrinkled single layer of 2 cm Scotch electrical tape extending several inches out on the cable jacket and/or antenna connector and covering the mated connector bodies. This provides a clean surface for the self-fusing butyl tape layer and protects the connectors from the butyl adhesive. Some recommend flipping the initial layer upside-down over the connector to keep adhesive residue off the connector bodies but in my experience this is a non-issue if quality tape is used, such as Scotch 33+ or 88+.

4) Apply a layer of self-fusing butyl tape, stopping 2,5 cm from each end of the initial layer. This is the main waterproofing layer, so it is important to keep the butyl warm and thoroughly massage it into a homogenous mass around the connector assembly. In the winter, keep the rolls of tape and butyl inside your jacket or your armpit until use. It is also important to press it into grooves and attempt to mould the outside surface of the butyl into as smooth a cylinder as possible. If this is not done, the top layer of tape will not lay flat and allow moisture ingress as well as allow the butyl to be exposed to the weather. Make the transition from the cylindrical mass of butyl to the cable as smooth as possible.

5) On top of the butyl, wrap several layers of 5 cm wide electrical tape extending past the bottom layer of tape on both ends of the connector assembly. Use low tension to ensure the tape is wrinkle-free and flat against the butyl and cable/antenna body. Do NOT wrap the tape tightly; when the assembly heats up in the sun, the tension exerted by the tape will begin to extrude the butyl between the tape layers. The final 15 cm of outer tape should be applied with very little tension so as not to put shear on the unsupported adhesive. The end of the tape must be cut, not torn, so there is no distortion or residual stress in the tape. Wrap the final turns carefully, do NOT get dust, dirt, finger or other greases on the adhesive and make sure the end of the tape lands flat and with zero tension. If it pulls up for any reason, the "flag" it forms will catch the wind and eventually compromise the assembly.

I have settled on using Andrew #221213 weatherproofing kits which cost less than \$20 each, include quality Scotch tape and can weatherproof one 7,6 cm Helix, two 3,16cm Helix, four 2,2 cm Helix or at least six or more 1,27 cm UHF/N connectors with each kit (they claim 12). I have had other tower riggers say that the Wireless Solutions WK-U kit also works well. Either kit contains materials, which pass MIL-STD-1344A, Method 1002 for weather resistance.

Occasionally "aneurysms" develop in the weatherproofing from trapped air bubbles caused by pressure from the inside of the cable when using UHF connectors, which are not pressure tight. This pressure is caused by thermal cycling and air expansion. According to Andrews, placing gel-weatherproofing compound in connectors is also not recommended as it can soften the gaskets in connector bodies, as well as be forced under expansion through the tape and contribute to degradation of the weatherproofing.





It is common for amateur antenna installs to feature multiple connectors close together where you cannot wrap tape successfully. In those cases, the dual-layer hot-melt-lined heat-shrink is often used. Getting this technique right may take some experimentation. The biggest problem with the use of adhesive-lined heat-shrink in this application is that the polymer used for the melting liner becomes quite rigid at low temperatures and may release from cable jackets when mechanically stressed by cable movement. The vinyl/butyl tape solution in general will not. In either case, adequately supporting the cable close to the connection will greatly help the longevity of the connection.

Operating Tip

Pat, WW9R, contributes this tip for computer logging - "I find it helpful to run a strip of masking tape above the Function keys and mark what each one does. Then, in the heat of the battle or when you get really tired, you can find all the messages! I fill all available CW messages with something like "73""GL" "?" "AGN" and the individual parts of the exchange; sometimes a slowed-down version of the exchange so I do not need to touch the CW speed setting."

Contest Calendar

This week's contests compiled by Bruce Horn, WA7BNM. The period covered is 12 to 19 October 2011.

CWops Mini-CWT Test

13:00 - 14:00 UTC and 19:00 - 20:00 UTC 12 October and 03:00 - 04:00 UTC 13 October

Mode: CW

Bands: 160, 80, 40, 20, 15, 10 m

Classes: Single Op QRP, low or high

Max power: HP: >100 watts; LP: 100 watts;

QRP: 5 watts

Exchange: Member: Name and member no; non-Member: Name and state, province or country

Work stations: Once per band

QSO Points: 1 point per QSO

Multipliers: Each call once

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 04:00 UTC 15 October 2011

Post log summary at:

<http://www.hornucopia.com/3830score/>

Mail logs to: (none)

Find rules at:

<http://www.cwops.org/onair.html>

NAQCC-EU Monthly Sprint

18:00 - 20:00 UTC 12 October

Mode: CW

Bands: 80, 40, 20 m

Classes: Single Op

Max power: 5 watts

Exchange: RST, country, NAQCC no or power

Work stations: Once per band

QSO Points: 1 point per QSO with non-member; 2 points per QSO with member

Multipliers: Each country in Europe; First country in each continent worked other than Europe

Key Type Mult: 2 x if straight key, 1,5 x if bug, 1 x if other

Score Calculation: Total score = total QSO points x total mults x key type mult

Submit logs by: 20:00 UTC 15 October 2011

E-mail logs to: submitlog@naqcc-eu.org

Upload log at:

<http://www.naqcc-eu.org/autologger/>

Mail logs to: M Ireland MW3YMY, Pen-y-Gadlas, Ffordd Bryniau, Meliden, Prestatyn, Denbighshire LL19 8RD, UK

Find rules at:

<http://naqcc-eu.org/SprintHelp/SprintRules.pdf>

RSGB 80 m Club Sprint, CW

19:00 - 20:30 UTC 12 October

Mode: CW

Bands: 80 m Only

Classes: 100 W; 10 W

Exchange: other station's call, your call, serial no and your name

QSO Points: 1 point per QSO

Multipliers: (none)

Score Calculation: Total score = total QSO points

Submit logs by: 19 October 2011

Upload log at:

<http://www.rsgbcc.org/cgi-bin/hfenter.pl>

Mail logs to: (none)





Find rules at:

[http://www.rsgbcc.org/hf/rules/2011/rspri
nt.shtml](http://www.rsgbcc.org/hf/rules/2011/rspri
nt.shtml)

CQ SA SSB Contest

00:00 UTC 15 October to 24:00 UTC 16 Octo-
ber

Mode: SSB

Bands: 160, 80, 40, 20, 15, 10 m

Classes: Single Op All Band - low or high; Sin-
gle Op Single Band - low or high; Multi-Single;
Multi-Multi

Max operating hours: Single-Op: 36 hours
with off times of at least 60 minutes; Multi-
Op: 48 hours

Max power: HP: 1 000 watts; LP: 100 watts

Exchange: RS and serial no

Work stations: Once per band

QSO Points: 1 point per QSO with same coun-
try; 2 points per QSO with different country
same continent; 3 points per QSO with differ-
ent continent; non-SA only: 10 points per QSO
with SA

Multipliers: Each continent once per band;
Each country once per band

Score Calculation: Total score = total QSO
points x total mults

Submit logs by: November 16, 2011

E-mail logs to: (none)

Upload log at:

<http://www.brcontest.com/cqsa/up/>

Mail logs to: (none)

Find rules at:

[http://brcontest.com/modules/tinyd0/cont
nt/cqsa_ssb_us-en2010.pdf](http://brcontest.com/modules/tinyd0/cont
nt/cqsa_ssb_us-en2010.pdf)

JARTS WW RTTY Contest

00:00 UTC 15 October to 24:00 UTC 16 Octo-
ber

Mode: RTTY

Bands: 80, 40, 20, 15, 10 m

Classes: Single Op All Band - low or high;
Multi-Multi; SWL

Max power: HP: >100 W; LP: 100 W

Exchange: RST and age of operator

QSO Points: 2 points per QSO with same con-
tinent; 3 points per QSO with different conti-
nent

Multipliers: Each DXCC entity except JA, W,
VE and VK once per band; Each JA, W, VE and
VK call area once per band

Score Calculation: Total score = total QSO
points x total mults

Submit logs by: 30 November 2011

E-mail logs to: jarts2011@jarts.jp

Mail logs to: (none)

Find rules at:

[http://jarts.web.fc2.com/2011/rules2011.ht
ml](http://jarts.web.fc2.com/2011/rules2011.ht
ml)

10-10 International Fall CW Contest

00:01 UTC 15 October to 23:59 UTC 16 Octo-
ber

Mode: CW

Bands: 10 m Only

Classes: Individual; Club; QRP

Max power: non-QRP: >5 watts; QRP: 5 watts

Exchange: 10-10 Member: Name and 10-10
number and state, province or country; Non-
Member: Name and 0 and state, province or
country

QSO Points: 1 point per QSO with a non-
member; 2 points per QSO with a 10-10
member

Multipliers: (none)

Score Calculation: Total score = total QSO
points

Submit logs by: 31 October 2011

E-mail logs to:

tentencontest@roadrunner.com

Mail logs to: Dan Morris, KZ3T, 131 Valencia
Lane, Statsville, NC 28625, USA

Find rules at:

[http://www.ten-
ten.org/Forms/QSOPartyRules_082710.pdf](http://www.ten-
ten.org/Forms/QSOPartyRules_082710.pdf)

QRP ARCI Fall QSO Party

12:00 UTC 15 October to 24:00 UTC 16 Octo-
ber

Mode: CW

Bands: 160, 80, 40, 20, 15, 10 m

Classes: All Band; Single Band; High Bands;
Low Bands

Max operating hours: 24

Exchange: ARCI: RST, state, province or coun-
try and ARCI no; non-ARCI: RST, state, prov-
ince or country and power out

Work stations: Once per band

QSO Points: 5 points per QSO with ARCI
member; 4 points per non-member QSO with
different continent; 2 points per non-member
QSO with same continent

Multipliers: States, once per band; VE Prov-
inces, once per band; Countries, once per
band





Power Mult: $>5\text{ W} = \times 1$, $1 - 5\text{ W} = \times 7$, $250\text{ mW} - 1\text{ W} = \times 10$, $55 - 250\text{ mW} = \times 15$, $<55\text{ mW} = \times 20$

Score Calculation: Total score = total QSO points x (state mults and province mults and country mults) x power mult

Submit logs by: 16 November 2011

E-mail logs to: contest@qrparci.org

Mail logs to: ARCI Fall QSO Party, c/o Jeff Hetherington, VA3JFF, 139 Elizabeth St. W., Welland, Ontario L3C 4M3, Canada

Find rules at:

<http://www.qrparci.org/content/view/7674/118/>

New York QSO Party

14:00 UTC 15 October to 02:00 UTC 16 October

Mode: CW, SSB, Digital

Bands: All, except WARC

Classes: Single Op CW, SSB, Digital or Mixed - QRP, low or high; Multi-Single CW, SSB, Digital or Mixed - QRP, low or high; Multi-Multi CW, SSB, Digital or Mixed - QRP, low or high; Mobile CW, SSB, Digital or Mixed - QRP, low or high; Rover CW, SSB, Digital or Mixed - QRP, low or high; Rookie CW, SSB, Digital or Mixed - QRP, low or high; School CW, SSB, Digital or Mixed - QRP, low or high

Max power: HP: $>100\text{ watts}$; LP: 100 watts ; QRP: 5 watts

Exchange: NY: RS(T) and county; non-NY: RS(T) and state, province or "DX"

Work stations: Once per band per mode

QSO Points: 1 point per Phone QSO; 2 points per CW QSO; 3 points per Digital QSO

Multipliers: NY: Each NY county, US state, VE province/territory once; Non-NY: Each NY county once

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 29 October 2011

E-mail logs to: logs@nyqp.org

Mail logs to: (none)

Find rules at:

<http://www.nyqp.org/rules.php>

Iowa QSO Party

14:00 - 23:00 UTC 15 October

Mode: CW/Digital, Phone

Bands: All, except WARC and 60 m

Classes: Single Op Fixed; Multi-Op Fixed; Single Op Mobile; Multi-Op Mobile

Max power: 125 Watts

Exchange: IA: RS(T) and county; non-IA: RS(T) and state, province or "DX"

Work stations: Once per band per mode per county

QSO Points: 1 point per phone QSO; 2 points per CW/digital QSO; 100 bonus points for a QSO with WA0DX

Multipliers: IA: Each IA county, state, province once; non-IA: Each IA county once; All: Each of the current or past IA section managers once

Score Calculation: Total score = (total QSO points x total mults) and bonus points

Submit logs by: 15 November 2011

E-mail logs to: iowaqso@gmail.com

Mail logs to: Iowa QSO Party, c/o Glen Kesselring, K0JGH, 11579 Agency-Hedrick Road, Ottumwa, IA 52501, USA

Find rules at:

<https://sites.google.com/site/ottumwaamateurradioclub/iaqsoparty>

Worked All Germany Contest

15:00 UTC 15 October to 14:59 UTC 16 October

Mode: CW, SSB

Bands: 80, 40, 20, 15, 10 m

Classes: Single Op CW - low or high; Single Op Mixed - low or high; Single Op Mixed QRP; Multi-Op; SWL

Max power: HP: $>100\text{ W}$; LP: 100 W ; QRP: 5 W

Exchange: DL, DARC-Member: RS(T) and DOK (local area code); DL, non-DARC: RS(T) and "NM"; non-DL: RS(T) and serial no

Work stations: Once per band per mode

QSO Points: DL Station: 1 point per DL QSO; 3 points per EU QSO; 5 points per DX QSO; non-DL Station: 3 points per DL QSO

Multipliers: DL Station: Each DXCC entity once per band; non-DL Station: Each DL district once per band

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 31 October 2011

E-mail logs to: wag@dxhf.darc.de

Mail logs to: (none)

Find rules at:

<http://www.darc.de/referate/dx/contest/wag/en/rules/>

PODXS 070 Club 160 m Great Pumpkin Sprint





20:00 local 15 October to 02:00 local 16 October

Mode: PSK31

Bands: 160 m Only

Classes: QRP; Low Power; Medium Power

Max power: Medium Power: 100 watts; Low Power: 50 watts; QRP: 5 watts

Exchange: RST and state, province or country

QSO Points: 1 point/QSO

Multipliers: Each state, province and DXCC country once only

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 15 November 2011

E-mail logs to: lowbandsprints@yahoo.com

Mail logs to: Eric Dallmann, K9VIC, 15707 S. River Rd., Plainfield, IL 60544, USA

Find rules at:

<http://www.podxs070.com/160-meter-great-pumpkin-sprint>

Feld Hell Sprint

20:00 - 22:00 UTC 15 October

Mode: Feld Hell

Bands: 160, 80, 40, 15, 10 m

Classes: (none)

Max power: Standard: 100 watts; QRP: 5 watts

Exchange: (see rules)

Work stations: Once per band

QSO Points: (see rules)

Bonus Points: (see rules)

Multipliers: (see rules)

Score Calculation: (see rules)

Submit logs by: 1 November 2011

E-mail logs to: (none)

Post log summary at:

<http://sites.google.com/site/feldhellclub/Home/contests>

Mail logs to: (none)

Find rules at:

<http://sites.google.com/site/feldhellclub/Home/contests>

Asia-Pacific Fall CW Sprint

00:00 - 02:00 UTC 16 October

Mode: CW

Bands: 20, 15 m

Classes: Single Op

Max power: AP: 150 W; non-AP: legal limit

Exchange: RST and serial no

Work stations: Once per band

QSO Points: 1 point per QSO

Multipliers: Each prefix once

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 23 October 2011

E-mail logs to: apsprint@jsfc.org

Mail logs to: (none)

Find rules at:

<http://jsfc.org/apsprint/aprule.txt>

Illinois QSO Party

17:00 UTC 16 October to 01:00 UTC 17 October

Mode: CW/digital, Phone

Bands: 160, 80, 40, 20, 15, 10, 6, 2 m

Classes: Fixed; Mobile; Portable; Rover; Non-IL

Exchange: IL: RS(T) and county; non-IL: RS(T) and state, province or country

Work stations: Once per band per mode per county

QSO Points: 1 point per phone QSO; 2 points per CW/digital QSO

Multipliers: IL Stations: Each IL county, state, VE province once; IL Stations: Each DXCC country (max of 5) once; non-IL Stations: Each IL county once

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 17 November 2011

E-mail logs to: n9jf@arrrl.net

Mail logs to: WIARC, PO Box 3132, Quincy IL 62305-3132, USA

Find rules at:

<http://www.w9awe.org/ILQP%202010%20Rules.pdf>

Run for the Bacon QRP Contest

01:00 - 03:00 UTC 17 October

Mode: CW

Bands: 160, 80, 40, 20, 15, 10 m

Classes: Single Band; All Band

Max power: 5 watts

Exchange: RST, state, province or country and member no or power

Work stations: Once per band

QSO Points: 1 point per QSO with non-member; 3 points per QSO with member on same continent; 5 points per QSO with member on different continent

Multipliers: Each state, province or country once; Multiply mults by 2 if >50 members worked





Score Calculation: Total score = total QSO points x total mults
Submit logs by: 23 October 2011
E-mail logs to: (none)
Upload log at:
<http://www.fqrp.org/pigrun/autolog.php>
Mail logs to: (none)
Find rules at: <http://www.fqrp.org/pigrun/>

ARRL School Club Roundup
13:00 UTC 17 October to 24:00 UTC 22 October
Mode: CW/RTTY/Digital, Phone
Bands: All, except 30, 17, 12 m
Classes: Single Op (I); Club/Multi-Op (C); School Club/Group (S)
Max operating hours: 24 hours total; 6 hours out of any 24-hour period with off times of at least 30 minutes

Exchange: RS(T), Class (I/C/S) and state, province or country
Work stations: Once per mode
QSO Points: 1 point per phone QSO; 2 points per CW/RTTY/digital QSO
Multipliers: States and VE provinces and DXCC countries and (2 x class C QSOs) and (5 x class S QSOs) and (5 x QSOs with KA2NRR)
Score Calculation: Total score = total QSO points x total mults
Submit logs by: 21 November 2011
E-mail logs to: (none)
Mail logs to: School Club Roundup, c/o LI-MARC, PO Box 392, Levittown, NY 11756, USA
Find rules at:
<http://www.arrl.org/school-club-roundup-1>

Next Week's Contests

ARRL School Club Roundup, 13:00 17 October to 24:00 UTC 21 October
FOC QSO Party, 00:00 - 23:59 UTC 22 October
SYLRA Contest, 10:00 UTC 22 October to 10:00 UTC 23 October
Stew Perry Top band Challenge, 15:00 UTC 22 October to 15:00 UTC 23 October
W/VE Islands QSO Party, 16:00 UTC 22 October to 23:59 UTC 23 October

DX Code of Conduct

I will listen, and listen, and then listen again before calling.
I will only call if I can copy the DX station properly.
I will not trust the DX cluster and will be sure of the DX station's call sign before calling.
I will not interfere with the DX station or anyone calling and will never tune up on the DX frequency or in the QSO slot.
I will wait for the DX station to end a contact before I call.
I will always send my full call sign.
I will call and then listen for a reasonable interval. I will not call continuously.
I will not transmit when the DX operator calls another call sign, not mine.
I will not transmit when the DX operator queries a call sign not like mine.
I will not transmit when the DX station requests geographic areas other than mine.
When the DX operator calls me, I will not repeat my call sign unless I think he has copied it incorrectly.
I will be thankful if and when I do make a contact.
I will respect my fellow radio amateurs and conduct myself so as to earn their respect.

<http://www.dx-code.org/publications.htm>

History This Week

A look back at events that made history this week - compiled by the Summerland Amateur Radio Club of Lismore, NSW and Dennis, ZS4BS. The week starting Monday 10 October 2011.

1066 – The Battle of Hastings in which William the Conqueror wins England (14 Oct)
1492 – Columbus' ships sight land on the horizon – the Bahamas (11 Oct)





1582 – Many Catholic countries adopt the Gregorian calendar and loose 10 days (15 Oct)
 1792 – George Washington lays the cornerstone of the White House (13 Oct). Pres John Adams was the first president to move into the White House in 1880.
 1811 - The Juliana, the first steam-powered ferryboat, begins operation (11 Oct)
 1815 – Napoleon Bonaparte exiled on the Island of St Helena (15 Oct)
 1846 – Neptune's moon Triton is discovered by William Lassell (10 Oct); First public use of ether by Dr William Thomas Green Morton (15 Oct)
 1860 – First aerial photograph taken at Boston, USA from a balloon (13 Oct)
 1867 – Diamonds are discovered in South Africa when the Jacobs children pick up a shiny stone near Hopetown (13 Oct)
 1881 – Two years after Thomas Edison introduced the light bulb, Adderley Street in Cape Town got its first electric lights; the parliament a year later (13 Oct)
 1884 – Greenwich established as universal time meridian of longitude (12 Oct); George Eastman patents paper-strip photographic film (14 Oct)
 1887 – A Miles patents the elevator (11 Oct)
 1899 - Start of the Anglo Boer War (11 Oct); the Siege of Mafeking begins, it lasted 217 days and made Robert Baden-Powell a national hero in Britain (13 Oct)
 1902 – Pres Paul Kruger of the ZAR visits Utrecht in the Netherlands (10 Oct); Start of first cricket test match between South Africa and Australia (11 Oct)
 1915 – 1 millionth Model T Ford assembled (12 Oct)
 1980 – Very Large Array radio telescope network dedicated
 1984 – Bishop Desmond Tutu receives the Nobel Peace Prize (12 Oct); First planet outside our solar system found (12 Oct)
 1989 – The Berlin Wall is demolished (11 Oct)
 1991 – South Africa's first Cricket International since 1970 – one day vs India (11 Oct)

Birthdays for the week

Eleanor Roosevelt, 11 October 1884
 Luciano Pavarotti, 12 October 1935
 Paul Simon, 13 October 1941 (Simon and Garfunkel)
 Nana Mouskouri, 13 October 1934

Dame Margret Thatcher, 13 October 1925
 Sir Cliff Richard, 14 October 1940
 Dwight Eisenhower, 14 October 1890
 Oscar Wilde. 16 October 1854

Items used with acknowledgement to The ARRL Letter, Amateur Radio Newsline, OPDX Bulletin, 425 DX Bulletin, DXNL Bulletin, ARRL DX News, WIA-News, the RSGB News, Southgate ARC and Pete's DX News-desk.

Newsletter editors are most welcome to use material from HF Happenings, just remember to acknowledge the source (which could be any one of the names mentioned above). HF Happenings can be provided in MS Word format.

SARL News

Time (UTC / CAT)	Freq (kHz)	From Pretoria / Port Elizabeth	Target Area	Language
06:15 / 08:15 *	7 066 / 7 098	From Pretoria /	Southern Africa	Afrikaans
06:30 / 08:30 *	7 066 / 7 098	Port Elizabeth	Southern Africa	English

Various 2 metre and 70 cm repeaters and Echolink country wide

Amateur Radio Today

Time (UTC / CAT)	Freq (kHz)	From Durban	Target Area	Language
08:00 – 09:00 / 10:00 – 11:00 *	7 082	From Durban	Southern Africa	English

Various 2 metre and 70 cm repeaters and Echolink country wide

Amateur Radio Today shortwave broadcast information.

Time (UTC / CAT)	Freq (kHz)	Tx kW	Target Area	Language
08:00 – 09:00 /	7 205	100	Southern Africa	English





10:00 - 11:00 *	17 570	250	East Africa	English
16:30 - 17:30 /	3 230	100	Southern Africa	English
18:30 - 19:30 **				
* Sunday ** Monday				

